



### HL1606 DMX Controller DC 5V for Dream Color Led Light Strip

Product Model: #BY-CON-DR1606D

Manufactured by: TopLedLight

Category: LED Controller

Retail price: ~~US\$28.99~~

**Wholesale Price:  US\$  26.99**


MOQ: 1 PCS

Net Weight: 128g

Shipping: Free Shipping World Wide

Payment methods: Paypal, Western Union, Wire Transfer

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### Description:

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This controller should collocate with strip light. It can achieve some functions such as jumpy changing, comet trail, gradual changing, color wash and so on.

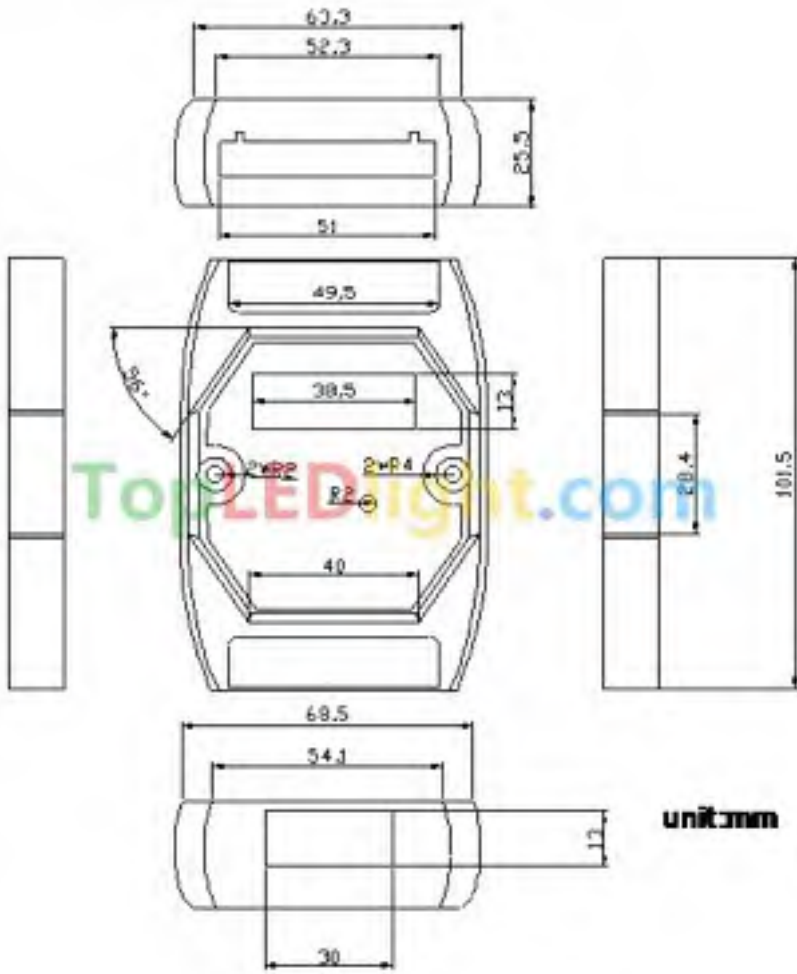


#### Technical parameters

- Working temperature: -20-60 °C
- Supply voltage: DC5V
- Output:SPI signal,DMX signal
- External dimension: L123 XW72 XH27 mm

- Packing size: L145 X W95 X H50 mm
- Net weight: 100 g
- Gross weight: 130 g
- Static power consumption: <1W

External Dimension



interface specifications

DMX common dream-color controller interface specifications:







SPI signal input, power output and input interface:



DMX signal input and output:



Direction for use

- 1. Connect the load wire at first, following connect the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power;
- 2. When it is controlled by the DMX console, its change controlled by the DMX console. Adopt DMX control, the corresponded channel of DMX address code is mode choice channel, the corresponded channel of address code +1 is speed control channel. For example: The address code is 1, the channel of color choice is CH1, speed control channel is CH2, the greater DMX channel value (from 0 to 255) is, the faster speed is.
- 3. when it used independently, every button function as follows:
  -  ON/OFF button, it can open or close led anytime, when led is on the station of closing, The LCD will display "IC NUMBER: \*\*\*", "\*\*\*" is the value of current setting.
  -  Play/pause button, Play/pause button, can display or pause led change, in order to see the static effect of led, set up DMX address code in pause state, LED display "C\*\*\*", \*\*\* is the DMX address number of current setting.
  -  A to increase the changing speed; can set up HL1606 number in closing state, set up address code in pause state, the most number is 255 (510 groups of RGB), DMX address code in pause state, the maximum value is 999
  -  Reducing button, to decrease the changing speed, there are 100 speed levels in all. Set up HL1606 number, the least number is 16 (32 groups of RGB); set up DMX address code in pause state, the minimum value is 1;
  -  Reducing button, to decrease the changing speed, there are 100 speed levels in all. Set up HL1606 number, the least number is 16 (32 groups of RGB); set up DMX address code in pause state, the minimum value is 1
  -  Program choosing button, up direction; there are 83 programs in all.

3, Standard color changes as follows

PROGRAM	Functions	DMX channel value

1	All color wave forward direction	0~2
2	All color wave backward direction	3~5
3	All color draw curtain by waving	6~8
4	All color lower curtain by waving	9~11
5	Three color wave by wave forward direction	12~14
6	Three color wave by wave backward direction	15~17
7	Three color draw curtain waving by waving	18~20
8	Three color lower curtain waving by waving	21~23
9	Many color wave forward direction	24~26
10	Many color wave backward direction	27~29
11	Many color wave draw curtain	30~32
12	Many color wave lower curtain	33~35
13	Six color trail forward direction	36~38
14	Six color trail backward direction	39~41
15	Six color trail draw curtain	42~44
16	Six color trail lower curtain	45~47
17	Three base color trail forward direction	48~50
18	Three base color trail backward direction	51~53
19	Three base color trail draw curtain	54~56
20	Three base color trail lower curtain	57~59
21	Six color jumpy change	60~62
22	Three base color jumpy change	63~65
23	Three mixing color jumpy change	66~68
24	Six color jumpy change forward direction	69~71
25	Six color jumpy change backward direction	72~74
26	Six color jumpy change draw curtain	75~77
27	Six color jumpy change lower curtain	78~80
28	Three base color jumpy change forward direction	81~83
29	Three base color jumpy change backward direction	84~86
30	Three base color jumpy change draw curtain	87~89
31	Three base color jumpy change lower curtain	90~92
32	Six color brush forward direction	93~95
33	Six color brush backward direction	96~98
34	Three base color brush forward direction	99~101
35	Three base color brush backward direction	102~104
36	Six color brush draw curtain	105~107
37	Six color brush lower curtain	108~110
38	Three base color brush draw curtain	111~113
39	Three base color brush lower curtain	114~116
40	Change color red-purple-red forward direction	117~119
41	Change color red-purple-red backward direction	120~122
42	Change color red-purple-red draw curtain	123~125
43	Change color red-purple-red lower curtain	126~128
44	Change color red-yellow-red forward direction	129~131
45	Change color red-yellow-red backward direction	132~134
46	Change color red-yellow-red draw curtain	135~137
47	Change color red-yellow-red lower curtain	138~140
48	Change color red-green-red forward direction	141~143
49	Change color red-green-red backward direction	144~146
50	Change color red-green-red draw curtain	147~149
51	Change color red-green-red lower curtain	150~152
52	Change color red-blue-red forward direction	153~155
53	Change color red-blue-red backward direction	156~158
54	Change color red-blue-red draw curtain	159~161
55	Change color red-blue-red lower curtain	162~164
56	Change color green-cyan-green forward direction	165~167

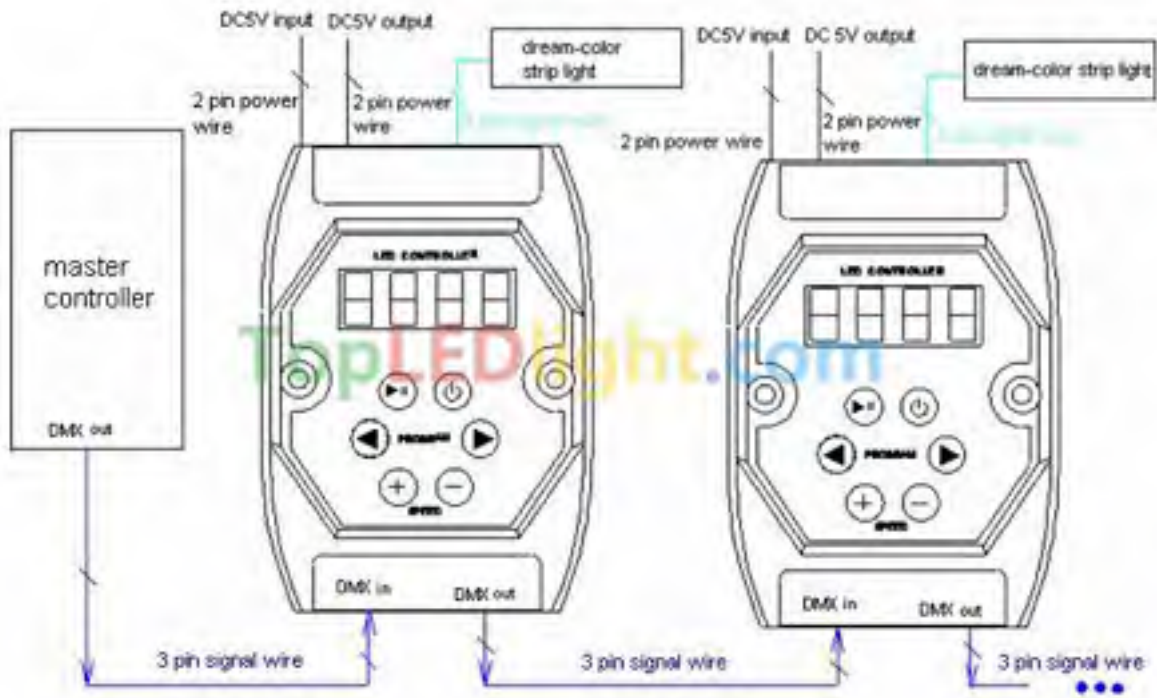
57	Change color green-cyan-green backw ard direction	168~170
58	Change color green-cyan-green draw curtain	171~173
59	Change color green-cyan-green low er curtain	174~176
60	Change color green-blue-green forw ard direction	177~179
61	Change color green-blue-green backw ard direction	180~182
62	Change color green-blue-green draw curtain	183~185
63	Change color green-blue-green low er curtain	186~188
64	Change color red-w hite-red forw ard direction	189~191
65	Change color red-w hite-red backw ard direction	192~194
66	Change color red-w hite-red draw curtain	195~197
67	Change color red-w hite-red low er direction	198~200
68	Change color green-w hite-green forw ard direction	201~203
69	Change color green-w hite-green backw ard direction	204~206
70	Change color green-w hite-green draw curtain	207~209
71	Change color green-w hite-green low er direction	210~212
72	Change color blue-w hite-blue forw ard direction	213~215
73	Change color blue-w hite-blue backw ard direction	216~218
74	Change color blue-w hite-blue draw curtain	219~221
75	Change color blue-w hite-blue low er curtain	222~224
76	Six color fade in and fade out forw ard direction	225~227
77	Six color fade in and fade out backw ard direction	228~230
78	Six color fade in and fade out draw curtain	231~233
79	Six color fade in and fade out low er curtain	234~236
80	Three base color fade in and fade out forw ard direction	237~239
81	Three base color fade in and fade out backw ard direction	240~242
82	Three base color fade in and fade out draw curtain	243~245
83	Three base color fade in and fade out low er curtain	246~255

### Typical Application

Typical Application one(without DMX function)



Typical Application two(with DMX function)



Full Page: [http://www.topledlight.com/h11606-dmx-controller-dc-5v-for-dream-color-led-light-strip\\_p354.html](http://www.topledlight.com/h11606-dmx-controller-dc-5v-for-dream-color-led-light-strip_p354.html)

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